

What is claimed is:

1. A taste masked pharmaceutical composition comprising a microcapsule, wherein the microcapsule comprises a pharmaceutically active agent core coated with a taste masking effective amount of a water-insoluble enteric coating, wherein the coating comprises a weakly acidic methacrylic acid-ethyl acrylate copolymer.
2. The formulation of claim 1 wherein the pharmaceutically active agent is a drug selected from antibiotics, analgesics, anti-inflammatory drugs, antihistamines, antibacterials, antimicrobials, decongestants, anti-depressants, anti-psychotics, antivirals, oncolytics, vaccines, antiepileptics, anti-asthma compounds or antispasmodics.
3. The formulation of claim 2 wherein the drug is an antibiotic drug selected from a naphthyridone-carboxylic acid type antibiotic or a quinolone-carboxylic acid type antibiotic.
4. The formulation of claim 3 wherein the antibiotic drug is selected from levofloxacin, ciprofloxacin, norfloxacin, ofloxacin or enoxacin.
5. The formulation of claim 4 wherein the antibiotic drug is levofloxacin.
6. The formulation of claim 6 wherein levofloxacin is present in a range of from about 1 gram to about 5 grams of levofloxacin per 100 mL of a reconstituted formulation.
7. The formulation of claim 6 wherein levofloxacin is present in a range of from about 2.5 grams to about 5 grams of levofloxacin per 100 mL of a reconstituted formulation.
8. The formulation of claim 6 wherein levofloxacin is present in a range selected from about 1 gram of levofloxacin per 100 mL of a reconstituted formulation, from about 2.5 grams of levofloxacin per 100

mL of a reconstituted formulation or from about 5 grams of levofloxacin per 100 mL of a reconstituted formulation.

- 5 9. The formulation of claim 1 wherein the taste masking effective amount of the coating is a weight ratio of coating weight to weight of the active agent in a range of from about 0.5 to about 1.5 or from about 1.5 to about 0.5.
- 10 10. The formulation of claim 1 wherein the taste masking effective amount of the coating is a weight ratio of coating weight to weight of the active agent in a range of from about 0.75 to about 1.25 or from about 1.25 to about 0.75.
- 15 11. The formulation of claim 1 wherein the taste masking effective amount of the coating is a weight ratio of coating weight to weight of the active agent of about 1.0 to about 1.0.
- 20 12. The formulation of claim 1 wherein the weakly acidic methacrylic acid-ethyl acrylate copolymer is selected from a copolymer designed to dissolve at a pH greater than about pH 5.5.
- 25 13. The formulation of claim 12 wherein the methacrylic acid-ethyl acrylate copolymer is a copolymer designed to dissolve at a pH range of from about pH 5.5 to about pH 8.
- 30 14. The formulation of claim 1 wherein the active agent is levofloxacin; wherein the weakly acidic methacrylic acid-ethyl acrylate copolymer is a copolymer designed to dissolve at a pH range of from about pH 5.5 to about pH 8; and, wherein the taste masking effective amount of the coating is a weight ratio of coating weight to weight of levofloxacin of about 1.0 to about 1.0.